

I received an error when trying to import KINEROS results and the output file is incomplete.

Posted by isburns - 2007/11/03 23:09

This problem indicates an error during KINEROS simulation. To identify this error, run KINEROS outside of AGWA using the following steps:

1. Open a DOS window. Go to Start Menu>Run and enter 'cmd' without quotes.
2. In the window, navigate to the directory of the problem simulation by entering 'cd ' and the full path name to the directory. The directories can be found in the AGWA project's simulations directory.
3. Once in the correct simulation, enter 'kineros2_agwa' without quotes. This will execute KINEROS with the stored inputs in the directory. If an error occurs, the message will appear in the DOS window.

Once the error is resolved, KINEROS can be rerun in this manner and the results imported into AGWA using the standard AGWA interface. If the error cannot be resolved, you will NOT be able to import the results. Attempting to do so will result in a segmentation violation and could result in a corrupt project.

Hints about KINEROS errors

In some cases, KINEROS will fail due to a combination of soil parameters and soil moisture conditions that result in extremely low or negative theta values. Try increasing the initial soil moisture estimate (SA) or adjusting soil parameters using multipliers.

Other errors involve the precipitation inputs. KINEROS limits the number of interpolation data points that can be generated in an event. This limit is based on the duration of the event, the number of gages and the time step (the AGWA default is always 1 minute). If the error contains "", examine the precipitation file carefully and reduce the number of gages or time step as necessary.

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